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(54) Title: USE OF SOLUBLE FORMS OF CD83 AND NUCLEIC ACIDS ENCODING THEM FOR THE TREATMENT OR PREVENTION OF DISEASES

(57) Abstract: The present invention provides for the use of soluble forms of CD83 and nucleic acids encoding them for the treatment of diseases caused by the dysfunction or undesired function of a cellular immune response involving dendritic cells, T cells and/or B cells. The invention moreover provides soluble CD83 molecules specifically suited for said purpose, antibodies against said specific soluble CD83 proteins and assay methods and kits comprising said antibodies.

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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER

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G01N33/53 A61P37/06 A61P37/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/29781 A (IMMUNEX CORP) 21 August 1997 (1997-08-21) cited in the application claims page 13, line 16 - line 24; examples 1,7,8	15, 18, 20-29
X	US 5 710 262 A (ZHOU LIANG-JI ET AL) 20 January 1998 (1998-01-20) cited in the application column 2, line 37 - column 3, line 16 column 20, line 7 - line 67 example II	1-3, 11-16, 18,22-30

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LECHMANN MATTHIAS ET AL: "Overexpression, purification, and biochemical characterization of the extracellular human CD83 domain and generation of monoclonal antibodies." PROTEIN EXPRESSION AND PURIFICATION, vol. 24, no. 3, April 2002 (2002-04), pages 445-452, XP002251677 April, 2002 ISSN: 1046-5928 abstract *Cloning of the Extracellular domain of human CD83 (hCD83ext)* *Production of Monoclonal Antibodies against Human CD83* *Expression and Purification of HCD83ext*</p>	15-19, 21-23, 25,26
X	<p>LECHMANN MATTHIAS ET AL: "The extracellular domain of CD83 inhibits dendritic cell-mediated T cell stimulation and binds to a ligand on dendritic cells." JOURNAL OF EXPERIMENTAL MEDICINE, vol. 194, no. 12, 17 December 2001 (2001-12-17), pages 1813-1821, XP002251678 December 17, 2001 ISSN: 0022-1007 abstract *Cloning of hCD83ext* *Expression and Purification of hCD83ext* Production of mAbs Against Human CD83*</p>	15-19, 21-23, 25,26
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A	<p>SMITH D B ET AL: "SINGLE-STEP PURIFICATION OF POLYPEPTIDES EXPRESSED IN ESCHERICHIA COLI AS FUSIONS WITH GLUTATHIONE S-TRANSFERASE" GENE, ELSEVIER BIOMEDICAL PRESS. AMSTERDAM, NL, vol. 67, no. 1, 1988, pages 31-40, XP002033198 ISSN: 0378-1119 *Construction and structure of the pGEX vectors* abstract; figure 1</p>	18

INTERNATIONAL SEARCH REPORT

Information on patent family members

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